

SNOHOMISH COUNTY JOB DESCRIPTION

EQUIPMENT MECHANIC - AUTO

Spec No. 7005

BASIC FUNCTION

To maintain and repair a variety of light motor vehicles including various makes and models of automobiles, light trucks and vans.

STATEMENT OF ESSENTIAL JOB DUTIES

1. Performs a variety of preventive maintenance and service work on gasoline, diesel and alternate fuel automobiles, light trucks and vans; tunes and adjusts engines, and replaces worn parts as necessary; adjusts brakes and clutches, aligns wheels, and performs other electrical, mechanical and hydraulic system adjustments as necessary; inspects, safety checks, and road tests vehicles as necessary.
2. Troubleshoots, diagnoses and repairs a variety of defects, Malfunctions and other problems in vehicle systems and components; repairs, rebuilds and/or overhauls brakes, cooling systems, drive train components, electrical components, engines, exhaust systems, hydraulic systems, suspension and steering systems, transmissions and other assemblies, components, and systems as necessary; replaces and/or rebuilds worn or damaged parts as required.
3. Operates a variety of shop equipment as necessary including electric and oxyacetylene welding equipment, air powered tools, electronic test equipment, and tire mounting and wheel balancing equipment.

STATEMENT OF OTHER JOB DUTIES

4. Performs field repair work as required.
5. May perform any of the duties of an Equipment Service Technician as required.
6. Performs related duties as required.

MINIMUM QUALIFICATIONS

Successful completion of an accredited automotive mechanic apprenticeship program; OR, recognized journey level automotive mechanic status; OR, four (4) years of experience in the maintenance and repair of light motor vehicles under the supervision of a qualified journey level automotive mechanic; OR, any equivalent combination of training and/or experience that provides the required knowledge and abilities. Must pass job related tests.

SPECIAL REQUIREMENTS

A valid State of Washington Driver's License is required for employment. State Certification for gasoline emission testing within six (6) months of employment. A post-offer physical examination may be required. Federal Certification for air conditioning repair and maintenance within six (6) months of employment. Employees are required to furnish their own hand tools.

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KNOWLEDGE AND ABILITIES

Knowledge of:

- the equipment, materials, methods, procedures and tools used in the maintenance and repair of light motor vehicles including a variety of makes and models of automobiles, light trucks and vans, both gasoline and diesel powered
- the theory and operating principles of internal combustion engines and related systems and components
- the theory and operating principles of automotive electronics and related diagnostic equipment
- occupational hazards and safety rules and regulations

Ability to:

- troubleshoot and diagnose defects, malfunctions and other problems found in a variety of light motor vehicles, both gasoline and diesel powered, and determine the extent of repairs required
- repair, rebuild and overhaul a variety of gasoline and diesel engines, brakes, cooling systems, drive train components, electrical components, exhaust systems, hydraulic systems, suspension and steering systems, manual and automatic transmissions, and other assemblies, components and systems found in light motor vehicles
- repair accessories, minor body damage and broken glass on a variety of light motor vehicles
- read, understand, interpret and work from service and repair manuals, manufacturer's bulletins, schematic drawings and related materials
- read, understand and comply with safety rules and regulations
- use a wide variety of hand and power tools, electronic test equipment, welding equipment and supplies, and other diagnostic and repair equipment skillfully and safely under a variety of working conditions
- operate a variety of automobiles, light trucks and vans skillfully and safely in a variety of traffic and weather conditions
- perform strenuous physical work
- follow oral and written instructions
- establish and maintain effective work relationships with superiors, co-workers, employees of other county departments, and with vendors and representatives of other agencies

PHYSICAL EFFORT

The work involves a variety of manual labor tasks requiring some strenuous physical effort such as lifting objects weighing more than fifty (50) pounds.

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SUPERVISION

The employee reports to and receives direction from an Equipment Maintenance Supervisor. The work varies from routine maintenance work such as doing minor tune ups, lube and tire work to doing a complete overhaul of an engine or transmission. The employee carries out assigned tasks independently and is held accountable for the end products produced. The work may be spot checked for technical adequacy and for compliance with work orders and instructions. The employee may serve as a lead worker over lower level Equipment Service Technicians or temporary help.

WORKING CONDITIONS

The majority of the work is performed in an equipment maintenance shop with field trips as necessary to repair disabled vehicles. The employee is exposed to dust, fumes, grease and inclement weather as well as hazardous chemicals and traffic.

Employees are required to work evenings, weekends and holidays as necessary.

Snohomish County is an Equal Employment Opportunity (EEO) employer.
Accommodations for individuals with disabilities are provided upon request.

[EEO policy and ADA notice](#)

Class Established: June 1977 as Mechanic

Previous Spec No. 810860

Revised and Retitled: March 1984 - Equipment Mechanic I, February 1997, April 1986 -
Equipment Mechanic - Auto

Revised: February 2000, June 2006, April 2016-Per AFSCME Contract

EEO Category: 7 - Skilled Craft Workers

Pay Grade: 239 – Classified Pay Plan

Workers Comp: 1501 Hazardous